



IXUS 300 HS
Specification Sheet

IMAGE SENSOR		
	Type	1/2.3 type back-illuminated CMOS
	Effective Pixels	Approx. 10.0M
	Colour Filter Type	Primary Colour
IMAGE PROCESSOR		
	Type	DIGIC 4 with iSAPS technology
LENS		
	Focal Length	4.9 – 18.6 mm (35 mm equivalent: 28 – 105 mm)
	Zoom	Optical 3.8x. Digital Approx. 4x (with Digital Tele-Converter Approx. 1.4x or 2.3x and Safety Zoom ^[1] ^[2]). Combined Approx. 15x
	Maximum f/number	f/2.0 – f/5.3
	Construction	7 elements in 6 groups (1 double-sided aspherical UA lens, 1 single-sided aspherical lens)
	Image Stabilisation	Yes (lens shift-type), 3-stop
FOCUSING		
	Type	TTL
	AF System/ Points	AiAF (Face Detection / 9-point), 1-point AF (fixed to centre)
	AF Modes	Single, Servo AF/AE ^[10]
	AF Point Selection	Size (Normal, Small)
	AF Lock	On/Off Selectable
	AF Assist Beam	Yes
	Closest Focusing Distance	3 cm (W) from front of lens in macro
EXPOSURE CONTROL		
	Metering modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
	AE Lock	On/Off Selectable
	Exposure Compensation	+/- 2 EV in 1/3 stop increments Enhanced i-Contrast for automatic dynamic range correction
	ISO sensitivity ^[3]	AUTO, 125, 200, 400, 800, 1600, 3200
SHUTTER		
	Speed	1 – 1/2500 sec. (factory default) 15 – 1/2500 sec. (total range – varies by shooting mode)
WHITE BALANCE		
	Type	TTL
	Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
LCD MONITOR		
	Monitor	7.5 cm (3.0") PureColor II G (TFT), 16:9 aspect ratio, Approx. 230,000 dots
	Coverage	Approx. 100%
	Brightness	Adjustable to one of five levels. Quick-bright LCD
FLASH		
	Modes	Auto, Manual Flash On / Off, Slow Synchro
	Slow Sync Speed	Yes. Fastest speed 1/2000 sec.
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
	Flash Exposure Lock	Yes
	Built-in Flash Range	30 cm – 6.0 m (W) / 50 cm – 2.0 m (T)
	External Flash	Canon High Power Flash HF-DC1

SHOOTING		
	Modes	Auto*, Shutter priority AE, Aperture priority AE, P, Portrait, Night Snapshot, Kids & Pets, Indoor, Smart Shutter (Smile, Wink Self-Timer, FaceSelf-Timer), High-speed Burst (2.5MP), Low Light (2.5MP), Color Accent, Color Swap, Fish-eye Effect, Miniature Effect, Beach, Foliage, Snow, Fireworks, Stitch Assist, Movie. *with Scene Detection Technology and Motion Detection Technology
	Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color)
	Drive modes Continuous Shooting	Single, Continuous, Self-Timer Approx. 3.7 shots/sec. ^[6] , High-speed Burst (2.5MP): Approx. 8.4 shots/sec. ^[6] , Low Light (2.5MP): Approx. 6.0 shots/sec. ^[6] (until memory card becomes full) ^[7]
RECORDING PIXELS / COMPRESSION		
	Image Size	(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. Resize in playback (M3, S, 320 x 240)
	Compression Movies	Fine, Normal (HD) 1280 x 720, 30 fps, (L) 640 x 480, 30 fps, (M) 320 x 240, 30 fps, (Super Slow Motion Movie) 320 x 240, 240 fps
	Movie Length	(HD) Up to 4 GB or 10 min. 00 sec. ^[11] (L and M) Up to 4 GB or 1 hour ^[7] (Super Slow Motion Movie) 30 sec.
FILE TYPES		
	Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
	Movies	MOV [H.264 + Linear PCM (stereo)]
DIRECT PRINT		
	Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
	PictBridge	Yes
OTHER FEATURES		
	Red-Eye Correction	Yes, during shooting and playback
	My Camera / My Menu	Start-up image and camera sounds customisation
	My Category	Image tagging feature
	Intelligent Orientation Sensor	Yes
	Histogram	Yes
	Playback zoom	Approx. 2x – 10x
	Self Timer	Approx. 2 or 10 sec., Custom
	Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Ukrainian, Romanian, Farsi
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	HDMI Mini Connector. A/V output (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, SDXC, MMC, MMCplus, HCCMMCplus
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 7/ Vista SP1-2/ XP SP2-3 Mac OS X v10.4 – 10.6
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch

POWER SOURCE		
	Batteries	Rechargeable Li-ion Battery NB-6L (battery and charger supplied)
	Battery life	Approx. 250 shots ^[8]
	A/C Power Supply	Approx. 420 min. playback Optional, AC adapter kit ACK-DC40
ACCESSORIES		
	Cases / Straps	Soft Leather Case DCC-70
	Flash	High Power Flash HF-DC1
	Power Supply & Battery Chargers	AC Adapter Kit ACK-DC40
	Other	Canon HDMI Cable HTC-100
PHYSICAL SPECIFICATIONS		
	Operating Environment	0 – 40 °C, 10 – 90% humidity
	Dimensions (WxHxD)	100.0 x 54.1 x 23.6 mm
	Weight	Approx. 175 g (including battery/batteries and memory card)

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.

[1] Depending on the image size selected.

[2] Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording.

[3] Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20th April 2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras.

[6] Under conditions where the flash does not fire.

[7] Depending on memory card speed / capacity / compression setting.

[8] Using the batteries and memory card format supplied with the camera (where included), except where indicated.

[10] Some settings limit availability.

[11] The following Speed Class memory cards are required for maximum record time: 1280 x 720, 30 fps Speed Class 4 or above. 1920 x 1080, 30 fps Speed Class 6.